

Title (en)
PEPTIDE ANALOGS AS SELECTIVE INHIBITORS OF THROMBIN ACTIVATION OF PROTEASE ACTIVATED RECEPTOR 1

Title (de)
PEPTIDANALOGUE ALS SELEKTIVE INHIBITOREN DER THROMBINAKTIVIERUNG DES DURCH PROTEASE AKTIVIERTEN REZEPTORS

Title (fr)
ANALOGUES PEPTIDIQUES COMME INHIBITEURS SELECTIFS DE L'ACTIVATION PAR LA THROMBINE DU RECEPTEUR 1 ACTIVE PAR UNE PROTEASE

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Application
EP 00968987 A 20000817

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Abstract (en)
[origin: WO0112656A1] The invention relates to inhibiting human platelet aggregation, thrombosis and cell activation mediated by PAR1 with peptide analogs corresponding to those of Formula I and II, wherein Formula I is: Arg-Gly-Lys-Z4-Cys (SEQ ID NO: 43) wherein: Z4 is any naturally occurring amino acid, excluding cysteine; and wherein Formula II is: Arg-Gly-Asp-Z4-Cys (SEQ ID NO: 44) wherein: Z4 is any naturally occurring amino acid, excluding cysteine.

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Citation (search report)
• [X] WO 9940214 A2 19990812 - GENZYME CORP [US], et al
• [A] WO 9641640 A1 19961227 - UNIV MICHIGAN [US], et al
• [A] WO 9847522 A1 19981029 - UNIV MICHIGAN [US], et al
• [PX] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; WANG, HE ET AL: "An efficient procedure for cleavage of t-butyl protected cysteine in soli phase peptide synthesis", XP002216172, retrieved from STN Database accession no. 132:334774 CA & SYNTHETIC COMMUNICATIONS (2000), 30(4), 727-735, 2000
• [A] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; PEDICORD, DONNA L. ET AL: "Glycoprotein IIb/IIIa receptor antagonists inhibit the development of platelet procoagulant activity", XP002216184, retrieved from STN Database accession no. 129:225491 CA & THROMBOSIS RESEARCH (1998), 90(6), 247-258, 1998
• See references of WO 0112656A1

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